

L 05032-67 EWT(1) SGFB DD

ACC NR: AR6031736 (A) SOURCE CODE: UR/0299/66/000/009/M029/M029

AUTHOR: Kovalenko, P. P.; Demichev, N. P.; Perepechay, L. B.

15
B

TITLE: Homotransplantation of frozen and lyophilized bones in orthopedics and traumatology

SOURCE: Ref. zh. Biologiya, Part II, Abs. 9M166

REF SOURCE: Tr. I Vses. s"yezda travmatologo-ortopedov, 1963. M.,
Meditina, 1965, 420-422

TOPIC TAGS: homotransplantation, autotransplantation, bone plastic operation,
bone transplant, lyophilization

ABSTRACT: A study was made on the homotransplantation of bones, preserved at +4°, -8°, -25°, -183° and by lyophilization, on the basis of experiments carried out 3-6 months earlier on rabbits and dogs (391) and of boneplastic operations in 79 patients. Homotransplants of preserved bones had good osteogenic properties when the bone socket was carefully prepared, when a close contact was made with the socket, and when the extremity operated on was given a long rest. Unfavorable results (18, 9%) were observed in patients on whom

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UDC: 577.99+611.018-089.843

L 05032-67

ACC NR: AR6031736

repeated and unsuccessful attempts had been made to remove the bone joint by autotransplantation. The rebuilding of the transplant is faster in bones preserved at +4° and slower in lyophilized bones. The latter were found to be biologically active. [Translation of abstract]

SUB CODE: 06/

Card 2/2 *pla*

KOVALENKO, P.P., prof. (Rostov-na-Donu, ul. Engel'sa, d.56, kv.60); PEREPECHAY,
L.D., kand. med. nauk

Lyophilization and homotransplantation of bones. Vest. Khir. 91 no.11:
79-80 N 163. (MIKA 17:12)

1. Iz laboratori konservirovaniya tkanej hospital'ney khirurgicheskoy
kliniki (zav. - prof. F.P.Kovalenko) Rostovskogo meditsinskogo instituta.

KOVALENKO, P.P., prof.; PEREPECHAY, L.D.; KOCHER'YAN, O.N.

Apparatus for tissue lyophilization. Vest.khir. 86 no.2:100-
102 '61. (MIRA 14:2)

1. Iz laboratori konservirovaniya tkaney kliniki obshchey
khirurgii (zav. - prof. P.P. Kovalenko) Rostovskogo-na-Donu
meditsinskogo instituta i Rostovskogo institute mikrobiologii
i epidemiologii (dir. - kand.med.nauk A.G. Blizinchenco).
(TRANSPLANTATION OF ORGANS, TISSUES, ETC.)

USSR/Diseases of Farm Animals - Diseases Caused by Protozoa.

R

Abs Jour : Ref Zhur Biol., No 5, 1959, 21421

Author : Perepechayev, A.N., Amosov, B.K.

Inst :

Title : Treatment of Anaplasmosis in Cattle.

Orig Pub : Veterinariya, 1958, No 5, 34-37

Abstract : An intravenous injection of an alcoholic rivanol solution was administered. For this purpose, 0.2 g of rivanol was dissolved in 120 ml of hot boiled distilled water. After the preparation was completely dissolved, the solution was filtrated, cooled to 40-50° C and then 60 ml of rectified alcohol were added. Warmed to body temperature, the solution was slowly intravenously injected in a 180 ml dose. If after 12-24 hours the temperature did not become lower in the sick animals, the solution was once more injected in the same quantity. A 100 percent therapeutic effectiveness was obtained. In the presence of a mixed

Card 1/2

- 27 -

PERKPECHAYEV, A.N., zasluzhennyi vet.vrach RSFSR.; AMOSOV, B.K., vetteknik

Treating cattle with anaplasmosis. Veterinaria 35 no.5:34-37 My '58.
(MIRA 12:1)

1. Ordena Lenina sovkhoz "Kuban", Krasnodarskogo kraya.
(Anaplasmosis)

PEREPECHAYEV, N.

USSR

On Natural gas production, gas pipeline, gas analyzing station.

SOURCE: N: Pravda, Moscow, 14 Jan. 1945.

Abstracted in USAF "Treasure Island", on file in Library of Congress, Air Information Division, Report No. 68806

PEREPECHAYEV, N.

USSR

Director of the Kyybyshev Gas Trust About Natural Gas Production; Gas Pipeline; Gas Analyzing Station N: Pravda Moscow (14 Mar. '45)

SOURCE: Abstracted in USAF "Treasure Island", on file in Library of Congress, Air Information Division, Report No. 068806

PEREPECHENKO, P.; SOKOLOV, G.; AVDOSHENKO, A., red.; PEREPECHENKO, P.,
red.; POLETAYEV, A., red.; RASTORGUYEVA, N., red.; SOKOLOV, G.,
red.; KHAYKIN, I., red.; KHOKHOLKOV, N., red.; SHVETSOVA,
R.V., red.; SOKOLOVA, S.I., tekhn. red.

[Excursions through native territory; routes and discussion materials] Ekskursii po rodnomu kraiu; marshruty i materialy dlia besed. Vologda, Vologodskoe knizhnoe izd-vo,
1963. 255 p. (MIRA 17:1)

1. Vologda. Gosudarstvennyy pedagogicheskiy institut.

PEREPECHENKO, P.K.; BAKHAREV, A.I., redaktor; SOKOLOV, G.I., redaktor;
KHMESTOV, D.I., redaktor; MALKOV, V.M., redaktor; VESELOVSKAYA,
A.A., tekhnicheskiy redaktor

[Vologda and its vicinity] Vologda i okresnosti. Sost. P.K.
Perepechenko. Vologda, Obl.knizhnaia red., 1957. 235 p.

(MLRA 10:8)

1. Vologda. Oblastnoy krayevedcheskiy muzey
(Vologda--Description)

PEREPECHIN, B. M.

Sushka drevesiny [The drying of wood]. Moskva, Rosgizmeatprom, 1953.
100 p.

SC: Monthly List of Russian Accessions, Vol. 6 No. 8 November 1953

SSORIN, Vladimir Aleksandrovich; MYKHAIL' BERGER, Rudol'f Adol'fovich;
PEREPECHIN, N.M., redaktor; SHAKOVA, L.I., redaktor izdatel'stva;
KARASIK, N.P., tekhnicheskiy redaktor

[Cuttings in fir forests of Transcaucasia; experience in organization
and planning] Rubki v pikhtovykh lesakh Zakhavkaz'ia; opyt oboasnova-
niia i proektirovaniia. Moskva, Goslesbumirdat, 1956. 79 p. (MLRA 9:11)
(Transcaucasia--Lumbering)

SHIMANIUK, Andrey Petrovich; PEREPECHIN, B.M., redaktor; SHITS, V.P.,
tekhnicheskly redaktor

[Reforestation in concentrated cut-over pine areas in the European
taiga zone of the U.S.S.R.] Vozobnovlenie lesa na kontsentrivovan-
nykh vyrubkakh v sosnovykh lesakh taishnoi zony evropeiskoi chasti
SSSR. Moskva, Goslesbumizdat, 1956. 88 p. (MLRA 9:?)
(Reforestation) (Pine)

PEREPECHIN, B. M. Cand Agr Sci -- (diss) "Rational utilization of the ^{state} fund
of timber ^{timber is listed} in the central regions of the USSR." Mos, 1957. 24 pp
(Min of Higher Education USSR. Mos Forestry Engineering Inst), 110 copies
(KL, 11-58, 119)

-97-

PEREPECHIN, B.M.

NOZHIN, Ivan Ivanovich; SKOBEL'KIN, Matvey Grigor'yevich; YUR'EV, Nil
Andreyevich; ~~PEREPECHIN, B.M.~~, redaktor; NIKOLAYEVA, I.I., redaktor
izdatel'stva; BRATISHKO, L.V., tekhnicheskiy redaktor

[Natural restoration of fir forests in Gornaya Shoriya] Estestvennoe
vozobnovlenie v pikhtovykh lesakh gornoj shorii. Moskva, Goslesabum-
izdat, 1957. 25 p. (MIRA 10:8)
(Gornaya Shoriya--Forests and forestry)

БУВИН, Алексея Иванович; ЧЕРНЯКОВА, Мария Михайлович; ПОРЯТСКИЙ,
Михаил Алексеевич; ~~ЗАХОНОВ, Г. В.~~; редактор; СВЕТЛАЯ ВА, А. С.,
редактор издательства; БАГИЧЕВА, А. В., технический редактор

[Forestry in the German Democratic Republic; Lesnoe khoziaistvo
Germaneskoi Sovetskoi Natsional'noi Respubliky. Moskva, Goslesbumizdat,
1957. ch 9.]
(Germany, east--Forests and forestry) (MLRA 10:10)

BOYEV, Nikolay Naumovich; DOBROVOL'SKIY, Vasiliy Kos'mich; S"EDIN, Georgiy
Ivanovich; PEREPECHIN, B.M., red.; POLUNICHENKOV, I.A., red. izd-va;
BAGHURINA, A.N., tekhn. red.

[Forest management manual for loggers] Lesokhoziaistvennyi spravochnik
dlya lesozagotovitelia. Moskva, Goslesbumizdat, 1958. 180 p.
(Lumbering) (Forests and forestry) (NIRA 11:10)

PEREPECHIN, G. M.

VORONIN, Ivan Vasil'yevich; VOSKRESENSKIY, Dmitriy Alekseyevich; KOZLOV,
Nikolay Andreyevich; LEBEDEV, Arseniy Andreyevich; PEREPECHIN,
Boris Mikhaylovich; SUDACHKOV, Yevgeniy Iakovlevich, kand.ekon.
nauk; CHULITSKIY, Lev Dmitriyevich; KARASIKOV, S.A., prepodavatel',
retsensent; MOTOVILOV, G.P., doktor sel'skokhoz.nauk, red.; SHAKHOVA,
L.I., red.izd-va; FUKS, Ye.A., red.izd-va; BACHURINA, A.M., tekhn.red.

[Forestry economics; organization and production planning] Ekonomika
lesnogo khoziaistva; organizatsiya i planirovanie proizvodstva.
Moskva, Goslesbunizdat, 1958. 292 p. (MIRA 12:3)

1. Khrenovskiy tekhnikum lesnogo khozyaystva (for Karasikov).
(Forests and forestry--Economic aspects)

PEREPECHIN, Boris Mikhaylovich; MIL'KAY, Nikolay Petrovich
ANTUCHIN, I. F., red.

[Forest exploitation in the U.S.S.R. (1916-1961)] Leso-
pol'zovanie v SSSR (1916-1961 gg.), 2 dop. izd. Minsk,
Izd-vo "Lesnaya promyshlennost", 1964. 128 p.
[MIAA 174]

ZORIN, Aleksandr Vasil'yevich; PZREPECHIN, B.M., red.; YAL'TSEVA, L.S.,
tekhn. red.

[Organization of forestry in shelterbelts along railroads and highways] Organizatsiya lesnogo khoziaistva v lesakh zashchitynykh polos
vdol' zheleznykh i shosseinykh dorog. Moskva, Goslesbumizdat, 1960.
56 p.

(MIRA 14:10)

(Windbreaks, shelterbelts, etc.)

PEREPECHIN, Boris Mikhaylovich; FILINOV, Nikolay Petrovich; ANUSHIN, N.P.,
red.; SARMATSKAYA, G.I., red. izi-va; PARAKHINA, N.L., tekhn.
red.

[Forest utilization in the U.S.S.R.; 1946-1959] Lesopol'zovanie v
SSSR 1946-1959 gg. Moskva, Goslesbumizdat, 1961. 72 p.
(MIRA 14:10)

(Lumbering—Statistics)

ZAGORUL'KIN, Vasiliy Afanas'yevich; MEN'KO, Pavel Aleksandrovich;
PEREPEL'NIK, Dmitriy Fedorovich; MAKAROVA, E.A., red.;
SHIKIN, S.T., tekhn. red.

[Permanent production councils] Postoianno deistvuiushchie
proizvodstvennye soveshchaniia. 2., perer. izd. Moskva,
Profizdat, 1961. 63 p. (Bibliotekha profsoiuznogo akti-
vista, no.3) (MIRA 16:4)
(Industrial management) (Agricultural administration)

ANTSYSHKIN, S.P.; BOHLEV, G.V.; GORYACHEV, I.V.; ISACHENKO, Kh.M.; KOVALIN, D.T.; LAVRENT'YEV, V.A.; LITVINOV, I.V.; MUKIN, A.F.; PEREPECHIN, B.M.; PIS'MENNYY, N.R.; REBROVA, G.I.; SERGEYEV, P.A.; SOBDINOV, A.M.; PEDROV, P.F.; FILINOV, N.P.; KHRAMTSOV, N.N.; KAZAKOVA, Ye.D., red.; BALLOD, A.I., tekhn. red.

[Reference book for foresters] Spravochnik lesnichego. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961. 894 p. (MIRA 14:7)
(Forests and forestry)

PEREPECHIN, Boris Mikhaylovich, kand.sel'skokhoz.nauk; SEMYACHKIN,
V.S., red.; POLUNICHEV, I.A., red.izd-va; PROKOF'YEVA, L.,
tekhn.red.

[For efficient utilization of lumber resources; Central Russia]
Ratsional'noe ispol'zovanie lesosachchnogo fonda; po raionu TSentra.
Moskva, Goslesbunizdat, 1958. 97 p. (MIRA 14:1)
(Lumbering)

GRIBANOV, Leonid Nikitich; PEREPECHIN, B.M., red.; SVETLAYEVA, A.S.,
red.izd-va; KUZNETSOVA, A.I., tekhn.red.

[Pine forests of the steppes of the Altai Territory and
Kazakhstan] Stepnye bory Altaiskogo kraia i Kazakhstana.
Moskva, Goslesbumizdat, 1960. 155 p. (MIRA 13:11)
(Altai Territory--Pine) (Kazakhstan--Pine)

PEREPELKIN, K.Ye., kand.tekhn.nauk; PEREPELKINA, M.D.

Synthetic fibers made from polyvinyl alcohol. Tekst.prom. 23
no.8:27-31 Ag '63. (MIRA 16:9)

1. Nachal'nik laboratorii sinteticheskogo volokna vinol Leningradskogo
filiala Vsesoyuznogo nauchno-issledovatel'skogo instituta
iskusstvennogo volokna (VNIIV) (for Perepelkin). 2. Nachal'nik
laboratorii netkanykh materialov Leningradskogo nauchno-issledo-
vatel'skogo instituta tekstil'noy promyshlennosti (for Perepelkina).
(Textile fibers, Synthetic) (Vinyl alcohol polymers)

ACCESSION NR: AP4009827

S/0191/64/000/001/0007/0011

AUTHORS: Borodina, O.O.; Perepelkin, K. Ye.

TITLE: Thermal stability of polyvinyl alcohol

SOURCE: Plasticheskiye massy*, no. 1, 1964, 7-11

TOPIC TAGS: polyvinyl alcohol, polyvinyl alcohol films, sodium acetate, thermal treatment, color variation, electrophotocolorimeter.

ABSTRACT: The effects of the addition of sodium acetate on color variation and on the solubility of polyvinyl alcohol films during thermal treatment over a 120-220 ° range were investigated. It was concluded that the presence of sodium acetate contributes to the cross-linking of macromolecules and the formation of insoluble products as were the variation in specific viscosity and degree of polymerization. Orig. art. has 6 figures, 3 tables.

ASSOCIATION: None

SUBMITTED: 00

DATE ACQ: 10Feb64

ENCL: 00

SUB CODE: MA, OH

NO REF Sov: 003

OTHER: 005

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PEREPECHKIN, L.P.; LYSYAKOVA, N.S.

Obtaining triacetylcellulose solutions in an acetylating mixture for
stapling. Khim.volok no.6:43-44 '63. (MIRA 17:1)

1. Vladimirskiy nauchno-issledovatel'skiy institut sinteticheskikh
spirov i organicheskikh produktov.

AKIM, Eduard L'vovich; PEREPECHKIN, Lev Pavlovich; BRODOSKIY,
A.I., red.

[Cellulose, acetyl cellulose and acetate fibers] T Sel-
liuloza, atsetiltselliuloza, atsetatrye volokna. Mo-
skva, Lesnaia promyshlennost', 1964. 113 p.
(MIRA 17:12)

TARAKANOV, O.G.; VASIL'YEV, B.V.; PEREPECHKIN, L.P.; ZASPINOK, G.S.

Nature of the contamination of the solutions of cellulose triacetate. Khim. volok. no.3:43-46 '63. (MIRA 16:7)

I. Vladimirskiy nauchno-issledovatel'skiy institut sinteticheskikh smol.

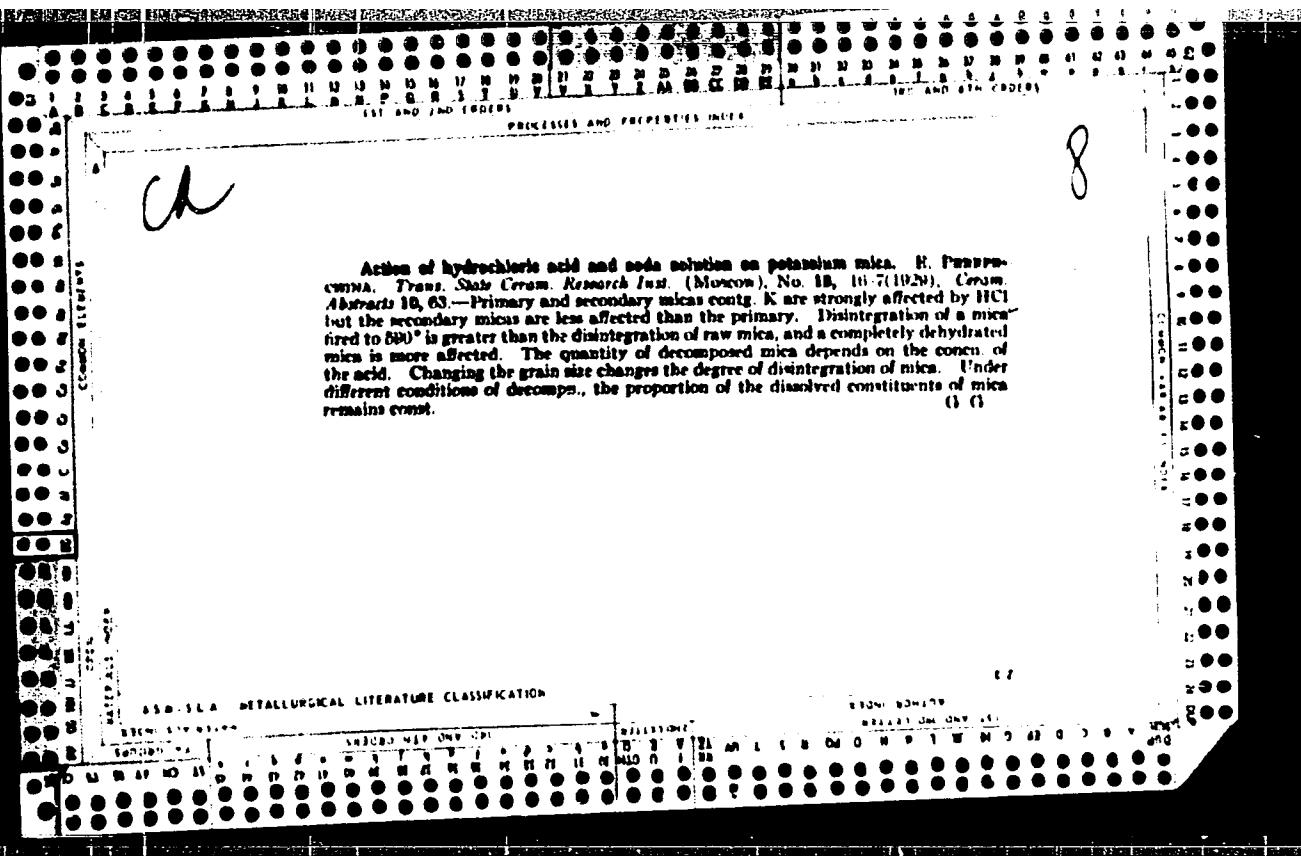
(Cellulose acetates)
(Textile fibers, Synthetic)

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KHUTABAH, MUSLIM; THE PROPHET'S DAIRY.

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PIRE PECHINA, Ye. A.

CA

Lithologic study of anthracite deposits. B. A. Peter-
pechina and V. S. Shekunov. *Soviet Geol.* 8, No. 8
30-74 (1934).—P. and S. made a detailed study of the
Suchan deposits and the conditions of their formation and
metamorphism. F. H. Rathmann

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

PER-PECHINA A

✓ 4322. BASIC PRINCIPLES FOR CLASSIFICATION OF PALAEZOIC COAL DEPOSITS.
Peropechlna, A. (Rep. to 2nd Coal Conf., Leningrad, 1955; Trud. Lab.
Geol. Uglyn (Proc. Lab. Geol. Coal), Acad. Sci. U.S.S.R.), 1956, (5), 65-82).
An attempt to assign the Palaeozoic coal deposits of the U.S.S.R. to types.
(L.)

PEREPELKIN, K.Ye., kand.tekhn.nauk; PEREPELKINA, M.D.

Synthetic fibers made from polyvinyl alcohol. Tekst.prom. 23
no.8:27-31 Ag '63. (MIRA 16:9)

1. Nachal'nik laboratorii sinteticheskogo volokna vinol Leningradskogo
filiala Vsesoyuznogo nauchno-issledovatel'skogo instituta
iskusstvennogo volokna (VNIIV) (for Perepelkin). 2. Nachal'nik
laboratorii netkanykh materialov Leningradskogo nauchno-issledo-
vatel'skogo instituta tekstil'noy promyshlennosti (for Perepelkina).
(Textile fibers, Synthetic) (Vinyl alcohol polymers)

FROL'CHIK, M.A.; DANILOV, M.V.; PEREVOZKINA, N.P.; KRASNOPIROSHINA, I.I.

Methodology for studying quantitative changes in nucleic acids
during the immunization process. Vak. i syv. no.1:23 - 35 '63.
(MIRA 18:8)

1. Institut vaksin i syver tok I.M. Machn'kova i kafedra obshchey
biologii 1-go Moskov'skogo ordinata Janina meditsinskogo instituta im.
I.M.Schenova.

PERSPECHINA, Ye.A.; SHARUDO, I.I.; SEMERIKOV, A.A.

Stratigraphy of coal-bearing and overlying formations of the
Suchan Coal Basin. Trudy Lab. geol.ugl. no.8:242-251 '58.
(MIRA 11:12)

(Suchan Basin—Coal geology)
(Maritime Territory—Geology, Stratigraphic)

PEREDVICHNA, V.G.

PEREDVICHNA, V.G. Brud nroed karmos lo'nce v egorodchere. Moskva, TOWRE KUTTF RSR, 1939. 17 p. (Trudy Vseso. s- c o-za ch. -ssal'stva el'ski c Instituta d'ni i n-
e syr'ia v p. 17.)

DLC: Unclassif'd

SO: LC, Soviet General, Part II, 1-1, M. I. S. 100

PAREPCHINA, Ye.A.

Fundamental principles of the typification of Paleozoic coal
deposits. Trudy Lab.geol.ugl. no.5:65-81 '56. (MIRA 9:8)

1. Laboratoriya geologii uglya AN SSSR.
(Coal geology)

PEREPECHINA, Ye.A.

Petrovka area in the Shitukhe coal-bearing region of the Suchan Basin. Trudy Lab. geol. ugl. no.10:114-153 '60. (MIRA 13:9)
(Suchan Basin--Coal geology)

ZASPINOK, G.S.; NAYMARK, N.I.; PEREPECHKIN, L.P.

Some characteristics of the supermolecular structure of triacetate fibers.
Khim. volok. no.3:38-40 '65. (MIRA 18:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sinteticheskikh smol.

PEREPECHKIN, L.P.; FILIPPENKO, K.A.; PETROV, Ye.A.

Prospects for the development of the production of acetate
fibers, and their importance. Khim.volok. no.1:64-65 '63.
(MIRA 16:2)
1. Nauchno-issledovatel'skiy institut sinteticheskikh smol, g.
Vladimir.
(Textile fibers, Synthetic) (Cellulose acetates)

AKIN, E.L.; PEREPECHKIN, I.P.; IVANOVKA, N.S.

Use of low-substituted allyl x -ray additive for the production
of spun acetate. Trudy DNTSek no. 13:33-37 1924.

(MIRA 18:2)

ROGOVIN, Z.A.; ROZHANSKAYA, F.N.; PE.L.P. PEREPECHKIN, L.P.

Spinning of a triacetate staple fiber. Khim.volok. no.1:48-51
'61. (MIRA 14:2)

1. Moskovskiy tekstil'nyy institut (for Rogovin). 2. Vsesoyuznyy
nauchno-issledovatel'skiy institut iskussstvennoy volokna (for
Rozhanskaya, Perepechkin).
(Textile fibers, Synthetic)

PEREPECHKIN, L.P.; VASIL'YEV, B.V.

Using the method of saponification kinetics in studying the structure
of triacetate fibers. Khim. volok. no.3:35-37 '65. (MIRA 18:7)

1. Vladimirskiy nauchno-issledovatel'skiy institut sinteticheskikh smol.

L 63576-65 EWP(j)/EWT(m)/T Pcm4 RM
ACCESSION NR: AP5013982

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AUTHORS: Zaspinok, G. S.; Naymark, N. I.; Perepechkin, L. P.

TITLE: Certain peculiarities of the supermolecular structure of triacetate fiber

SOURCE: Khimicheskiye volokna, no. 3, 1965, 38-40

TOPIC TAGS: polymer, polymeric structure, polymer property, triacetate fiber, structure analysis, superlattice, ultrasonic grinding

ABSTRACT: The relation of structure to physico-mechanical properties and the optimal conditions for the formation of polymers with a given structure were investigated in the process of molding triacetate fiber from vinegar syrups. Experimental and commercial samples were ground ultrasonically and their supermolecular structures were studied under an electron microscope. The ultrasonic grinding divided the material into structural elements with bonds that could not be weakened further by the liquid. It was noted that the ultrasonic grinding disturbed the mutual orientation of the structural elements with a partial destruction of the elements themselves. The majority of the superlattices observed represented nets formed of short, knotty fibers differing in length and thickness.

L 63576-65

ACCESSION NR: AP5013982

Larger fiber-ribbons, formed of parallelly arranged microfibers, were rare. Etching with alcohol and methylene chloride destroyed the knotty but preserved the ribbon structures. The variation of the acetic acid concentration changed the physical properties and the structure of fiber. A certain combination of structural elements produced in a narrow range of acid concentrations resulted in the optimal physico-mechanical properties of the fiber. This fact was related to the form and to the structure of the elements described. Orig. art. has: 1 table and 4 figures.

ASSOCIATION: VNIISS

SUBMITTED: 08Apr64

ENCL: 00

SUB CODE: MT

NO REF Sov: 000

OTHER: 000

Card 2/2

PEREPECHKIN, L.P.; MIRONOVA, L.V.

Determining the density of triacetate fibers. Khim. volok.
no.2r43-44 '65. (MIRA 18:6)

1, Nauchno-issledovatel'skiy institut sinteticheskikh smol,
g. Vladimir.

FROLOVA, M.A.; DALIN, M.V.; PEREPECHKINA, N.P.

Dynamics of changes in the content of nucleic acid during the
process of immunogenesis. Zhur. mikrobiol.; epid. i immun. 41
no.6:70-74 Je '64. (MIRA 18:1)

1. Moskovskiy institut vaktsin i syvorotok imeni Mechnikova i
I-y Moskovskiy ordena Lenina meditsinskiy institut imeni Seche-
nova.

PEREPECHKO, I.I.

Heat waves in rarefied gases. Prim. ul'trakust. k issl. veshch.
no.15:79-82 '61. (MIRA 16:8)

(Gases—Acoustic properties)

PEREPECHKO, I.I.

"Combined" dispersion in rarefied gases. Prim. ul'traakust.
k issl. veshch. no.15:83-90 '61. (MIRA 16:8)

(Gases--Acoustic properties)

L 6783-65 EM(1) AEDC(s)/ASD(f)/ARBL/SSD/ASD(p)-3/AFETR/ESD(t)/RAEM(t)

ACCESSION NR: AP4044617

8/0046/64/010/003/0335/0337

AUTHOR: Perepechko, I. I.

47
46

TITLE: On the propagation of sound in a thermally conducting medium

SOURCE: Akusticheskiy zhurnal, v. 10, no. 3, 1964, 335-337

TOPIC TAGS: sound propagation, thermal conductivity, hydrodynamics, heat flow, relaxation time

ABSTRACT: The author reanalyzes the theoretical premises under which some authors (I. Z. Fisher, Uch. zap. Belorusskogo gosuniversiteta, 1953, 15, 90--92; L. D. Landau and Ye. M. Lifshits, Mekhanika sploshnykh sred [Mechanics of Continuous Media] M. GTT, 1954) have deduced that sound propagation should be isothermal at high frequencies. The author claims that this result has been obtained by an erroneous extrapolation of the equations of classical hydrodynamics to the region of values $\omega \tau \gg 1$ (ω -- frequency of the sound, τ --

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L 6783-65

ACCESSION NR: AP4044617

relaxation time of the heat-flux vector). He then shows, by using the equations of relaxation hydrodynamics, that the results of Landau and Lifshits are correct only when $\omega \tau \ll 1$, and that sound propagates adiabatically for all values of $\omega \tau$. Orig. art. has: 7 formulas.

ASSOCIATION: Moskovskiy oblastnoy pedagogicheskiy institut (Moscow Oblast Pedagogical Institute)

SUBMITTED: 27Dec62

ENCL: 00

SUB CODE: MS

NR REF Sov: 006

OTHER: 001

Card 2/2

PEREPECHKO, I.I.

Сергей Николаевич ПЕРЕПЕЧКО, родился 1938 г.,
награжден орденом Трудового Красного Знамени.

в. Московский областной педагогический институт

S/081/60/000/014/001/C09
A006/A001

Translation from: Referativnyy zhurnal, Khimiya, 1960, No. 14, p. 42, # 56124

AUTHOR: Perepechko, I.I.

TITLE: On the Propagation of Ultrasonic Waves in Rarefied Gases

PERIODICAL: V sb.: Primeneniye ul'traakust. k issled. veshchestva., No. 8,
Moscow, 1959, pp. 103 - 113

TEXT: On the basis of the phenomenological relaxation theory expressions are obtained for the coefficients of extinction and sound velocity accounting only for the relaxation time for each of the processes connected with relaxation phenomena. In rarefied gases relaxation phenomena are observed which are caused by the disturbance of the equilibrium distribution of energy between the translational degrees of freedom. The formulae obtained are applied to the case of translation dispersion in an ideal monoatomic gas and expressions are found for the velocity and the absorption coefficient of sound, which are in a satisfactory agreement with the experiments. In multiaatomic gases, "Knezerev"

Card 1/2

24.1800

1462. 2607

27644
S/194/61/000/002/033/039
D216/D302**AUTHORS:** Perepechko, I.I. and Yakovlev, V.F.**TITLE:** New interferometric method of measuring absorption of ultra sound**PERIODICAL:** Referativnyy zhurnal. Avtomatika i radioelektronika, no. 2, 1961, 12, abstract 2 E99 (V sb. Primeneniye ul'traakust, k issled. veshchestva, no. 11, M. 1960, 213-218)**TEXT:** The determination of ultra sound absorption in gases is somewhat difficult (especially when it is small). It can be determined in a comparatively easy manner by observing the changes of voltage at the quartz transmitter. The description is given of the respective methods of measuring the absorption coefficient from the changes of voltage with varying distance between the radiator and reflector. Using the suggested method the absorption coefficient can be determined having only 2 points on the resulting curve. 5 references. X

Card 1/1

Card 1/1

24,1800 (1144,1147,1482)

S/30503
19461/000/00E/052/092
D201/D304

AUTHORS: Perepechko, I.I. and Yakovlev, V.F.

TITLE: An optical method of measuring absorption of ultra-sound

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika,
no. 8, 1961, 7, abstract 8 E52 (Uch. zap. Mosk. obl.
ped. in-ta, 1960, 92, 249-253)

TEXT: It is stated that the optical diffraction method may be used for measuring not only the velocity, but also the absorption coefficient, without introducing any basic rearrangement of the installation. The Bommel method has been experimentally checked for determining the absorption coefficient from the half-width of the diffraction line of the first order. The absorption coefficients obtained by this were 50 - 100 times greater for argon and nitrogen, and 10 times greater for acetic acid. An optical method is proposed of a constant distance which would permit evaluation of the change

W

Card 1/2

30503
S/194/61/000/00E/052/092
D201/D304

An optical method...

in the absorption coefficient with changing pressure, temperature of frequency (working with harmonics). The voltage at the quartz is kept constant. The variations in the intensity of the first order diffraction line together with the dependence of piezoelectric constant and of the acoustic resistance of the medium on temperature and pressure permit evaluation of the change of the respective formulae. 4 references. [Abstracter's note: Complete translation] *X*

Card 2/2

247 110
S/058/63/000/001/112/120
A062/A101

AUTHOR: Perepechko, I. I.

TITLE: About thermal waves in rarefied gases

PERIODICAL: Referativnyy zhurnal, Fizika, no. 1, 1962, 72, abstract 12h⁴³⁰
(In collection: "Primeneniye ul'trakvst. k issled. veshchestva".
no. 15, Moscow, 1961, 79 - 82)

TEXT: Two solutions of the dispersion equation for monoatomic gases are discussed. In the case of low pressures (high frequencies) expressions are obtained for the dimensionless speed and the absorption of thermal waves. As the frequency increases (with pressure decrease), the absorption of thermal waves per wavelength coincides with the absorption of sound waves in the magnitude order. On this basis the author affirms that thermal waves can be detected in rarefied gases.

G. Andreyev

[Abstracter's note: Complete translation]

Card 1/1

PEREPECHKO, I.I.; YAKOVLEV, V.F.

Note on the optical method of measuring the absorption of ultrasonic waves. Uch. zap. MOPI 92:249-253 '60. (MIRA 14:9)
(Ultrasonic waves)

PEREPECHKO, I.I. ; YAKOVLEV, V.F.

Ultrasonic absorption in monatomic gases. Akust. zhur. 7 no.2:266-
267 '61. (MIRA 14:7)

1. Moskovskiy oblastnoy pedagogicheskiy institut imeni N.K.Krupskoy.
(Absorption of sound) (Gases, Rare)

PEREPECHKO, I.I.; YAKOVLEV, V.F.

Measurement of the absorption of ultrasound in gases by means of
an interferometer. Akust. zhur. 7 no.1:101-102 '61.

(MIRA 14:4)

1. Moskovskiy oblastnoy pedagogicheskiy institut imeni N. K. Krupskoy.
(Ultrasonic waves) (Interferometer)

PERE PERRO, I.I.

PAGE I BOOK EXPERTISE 807/5007

Vsesoyuznyye konferentsiya professorov i prepodavately pedagogicheskikh institutov
Prilozheniye ultrazvukkh k isledovaniyu veshchestva (Uchilishche of Ultrasonic
printed. (Series: Its Study, Vol. 11)

Ed. (Title page): V.P. Kondratenko and N.N. Kudryavtsev. Professor.

Purpose: This collection of articles is intended for physicists specialists

in the physics of ultrasound.
CONTENTS: The collection of articles constitutes the transactions of the VII Conference on the Application of Ultrasound to the Study of Materials, which was held at the Moscow Oblast Pedagogical Institute (now M.K. Krupskaya). Individual articles of the collection discuss various problems in the wave mechanics of ultrasound, the absorption and propagation mechanics of ultrasonic waves in various media, the working principle and design of generators and receivers of ultrasonic waves, the effect of sound and methods for its determination. Other articles deal with the applications of ultrasound to investigations of the properties of materials. No personalities are mentioned. Reference is necessary

807/5007

Utilization of Ultrasonics (Cont.)

- Shcherbina, N.P., and N.B. Kudryavtsev [Moscow Oblast Pedagogical Institute (now M.K. Krupskaya)]. Propagation of Sound in Dispersive Media 165
- Kalynov, B.L. [Moscow Pedagogical Institute]. Determination of the Speed of Ultrasound From the Periodic Variations of the Phase Relations of Two Acoustic Pulses 173
- Kudratenko, N.P., and N.B. Kudryavtsev [Moscow Oblast Pedagogical Institute (now M.K. Krupskaya)]. Speed of Sound in Aqueous Solutions of Na[SO₄] 181
- Shlykova, A.S., and N.B. Kudryavtsev [Leningrad Radiotekhnicheskii Institut—Institut Meditsinskikh Institutov, et al.]. On the Pedagogical Institute (now M.K. Krupskaya). Investigation of the Propagation of Ultrasonic Waves in Three-Liquid Mixtures Where One Solvent Fails Different Interference Patterns 191
- Kondratenko, V.P., and N.B. Kudryavtsev [Moscow Oblast Pedagogical Institute (now M.K. Krupskaya)]. Application of Acoustic Measurements in the Study of Ionic Crystallization 201
- Parashchik, I.I., and T.P. Talyzina [Moscow Oblast Pedagogical Institute (now M.K. Krupskaya)]. Density Fluctuations in Liquids 205
- Qilintir, A.A. [Moscow Oblast Pedagogical Institute]. Diffraction of Light on Damped Ultrasonic Waves 213
- Parashchik, I.I., and T.P. Talyzina [Moscow Oblast Pedagogical Institute (now M.K. Krupskaya)]. New Method Using Interferometer to Measure Absorption of Ultrasound 219
- Schepetich, M.O. [Moscow Oblast Pedagogical Institute (now M.K. Krupskaya)]. Investigation of the Speed of Propagation and Absorption of Ultrasound in Liquid Phase Methyl Alcohol Near the Critical Region 229
- Malyavkin, I.G. [Moscow Oblast Pedagogical Institute (now M.K. Krupskaya)]. Investigation of Temperature Dependence of Slitline and Volumetric Viscosity of Certain Organic Liquids in the Critical Region 225
- Rothin, G.P., and V.S. Slobodova [Gor'kiy Politekhnicheskii Institut—Tula Polytechnicheskii]. Series for Measuring the Intensity of an Ultrasonic Field in Conducting Liquids 233
- Peresypkin, V.V., and V.F. Yakovlev [Moscow Oblast Pedagogical Institute (now M.K. Krupskaya)]. Radiationless Processes in Van Der Waals Gases 239
- Martulov, L.O. (Vor'ia Is. V.I. Ul'yanova (Vor'ia)—Leningrad Electrotechnical Institute (now V.I. Ul'yanov (Vor'ia)). Absorption of Ultrasonic and X-ray waves in Certain Crystals 247
- Zolotov, V.P. Lecture Room Demonstrations With Ferroic Ultrasound 251

Editorial—
Bullletin
AVAILABLE: Library of Congress (GC234, v.32)
17

Perepechko, I. I.

24(1) PHASE I BOOK EXPLOITATION 80V/3352
Vsesoyuzskaya konferentsiya professorov i prepodavateley pedagogicheskikh institutov.

Primeneniye ul'trakustiki k issledovaniyu veshchestva, trudy konferentsii, vyp. 8 (Application of Ultrasonics in The Study of Matter; Transactions of a Conference, Nr. 8) Moscow, Izd. MOPI, 1959. 170 p. 1,000 copies printed.

Tech. Ed.: S. P. Zhitov.

PURPOSE: The book is intended for physicists, particularly those specializing in the field of ultrasonics.

COVERAGE: This is a collection of 12 articles dealing with problems of acoustics, ultrasonics, and molecular physics. References are given at the end of each article.
Predvoditeley, A. S. Dispersion of Acoustic Waves in Rarefied Gases. Article I. 19

Zipir, A.-D., and V. F. Yakovlev. Pulse Method for Multiple Transformation of an Ultrasonic Signal in the Investigation of Liquid Media 63

Ilgunas, V., and E. Yeronis. On the Theory of Interferometers With Variable and Constant Length 67

Trelin, Yu. S. Some Results of Measurement of Ultrasonic Velocity in Gases by the Pulse Method 75

Volarovich, M. P., and D. B. Dolashov. Investigation of Ultrasonic Velocity in Nitrogen Under Pressures up to 1050 kg/sq cm 83

Akhmetzhanov, K.-O., and M. O. Shirkayich. Ultrasonic Velocity in Compressed Vapors of Ethyl Alcohol and Determination of Heat Capacities C_p and C_v 93

Perepechko, I. I. Ultrasonic Propagation in Rarefied Gases 103

Kuchera, P. On Some Conditions for Applicability of Raoult's Law for Solutions 115

Shilyagov, A. S., and N. B. Kudryavtsev. Ultrasonic Velocity and Surface Tension in Ternary Liquid Systems 121

Bessonov, M. B. Measuring Ultrasonic Velocity and Absorption in Solutions at High Temperatures 137

PEREPECHKO, I. I.

Cand Phys-Math Sci - (diss) "Absorption of ultrasonic waves in monoatomic gases." Moscow, 1961. 7 pp; (Ministry of Education RSFSR, Moscow Oblast Pedagogical Inst imeni N. K. Krupskaya); 200 copies; price not given; list of author's works at end of text (10 entries); (KL, 19-61 sup, 205)

PEREPECHKO, N. I.

"The Dispersion of Ultrasound at Low Pressures."

report presented at the 6th Sci. Conference on the Application of Ultrasound in
the Investigation of Matter, 3-7 Feb 1958, organized by Min. of Education
RSFSR and Moscow Oblast Pedagogic Inst. im. N. K. Krupskaya.

PEREPECHKO, N.P., kand. sel'skokhozyaystvennykh nauk.

We must improve the teaching of the principles of experimental work "General agriculture", edited by prof. M.G. Chizhevskii. Reviewed by N.P. Perepechko). Zemledelie 7 no.2:93-94 P '59. (MIRA 12:3)

(Agriculture--Experimentation)

PEREPECHKO, N.P.

Cultivation of Australian nightshade in the Ukraine. Med. prom. 13
no.2:13-17 F '59 (MIRA 12:3)

1. Ukrainskaya zonal'naya opytnaya stantsiya Vsesoyuznogo nauchno-
issledovatel'skogo instituta lekarstvennykh i aromaticheskikh
rasteniy.
(UKRAINE--NIGHTSHADE)

PEREPECHKO, N.P.

Testing Triticum-Agropyron hybrid 599 in Ukraine. Biul.Glav.bot.
(MLRA 10:5)
sada no.27:26-28 '57.

1.Ukrainskaya opytnaya stantsiya kekarstvennykh rasteniy
Vsesoyuznogo instituta lekarstvennykh i aromaticheskikh rasteniy.
(Lubny--Triticum-Agropyron hybrids)

PEREPECHKO, N.P.

New technology for the cultivation and harvesting of oleiferous
poppy. Med. prom. 17.no.4848-51 Ap '63. (MIRA 16:7)

1. Kamenets-Podol'skiy sel'skokhozyaystvennyy institut.
(POPPY)

Country : U.S.S.R. X
CATEGORY : Cultivated Plants. Grains.
ABS. JOUR. : RAEbiol., Ac. 21, 1958, No. 95919
AUTHOR : Peraposhko, N.P.
INST. : Main BOTANICAL Garden
TITLE : Trying out Wheat-Wheatgrass Hybrid 599 in the Ukraine
ORIG. PUB. : Byul. Gl. botan. sada, 1957, No.27, 26-28
ABSTRACT : The findings of experiments on cultivating wheat-wheatgrass hybrid 599 at the Ukrainian Experimental Station of the All-Union Institute of Medicinal and Aromatic Oils (in Poltavskaya Oblast'). Distinguished for its productivity in non-chernozem districts, the 599 variety may be very valuable in the chernozem zone as well, especially under conditions where the districted standard varieties lodge.--G.N. Chernov

CARD: 1/1

PEREPECHKO, N.P., kand.sel'skokhozyaystvennykh nauk

~~Heat treatment of bishop's-weed seeds. Agrobiologija no.5:137-138~~
S-0 '58. (MIRA 11:11)

1. Lubenskaya optytnaya stantsiya lekarstvennykh rasteniy.
(Bishop's-weed)

P. Repachko, Yu. G.

- 1-5 Sept 1959
- (cont. from 4)
- USSR: Dr. I. A. and MALTSEV, G. A., Laboratory for Relatively Adhesive, Moscow Odintsovo Institute for Acoustics - "The relationship between viscosity and velocity of sound in a liquid."
- MALOV, V. I., and KARAEV, S. N., Moscow University at Moscow - "Study of sound dispersion in solid bodies, plates, and shells by means of an optical process in a wave field."
- University of Riga, Acoustic Institute, USSR Academy of Sciences, Riga - (1) "The effect of external forces on wave propagation in anisotropic media"; (2) "Development of wave phenomena in anisotropic media".
- RECHTER, J. G., Los Angeles, California - "Description of ultrasonic waves with frequencies of up to 2000 MHz in solid rock."
- RECHTER, J. G., and ZHURAVLOV, E. P., Acoustics Institute, USSR Academy of Sciences, Moscow - "The propagation of spherical and cylindrical waves of ultrasound."
- RECHTER, V. P., Laboratory for Polymeric Acoustics, Moscow Odintsovo Institute for Polymeric Acoustics - "Theoretical basis for the technical application of molecular acoustics of small molecules."
- RECHTER, V. P., SHABROV, I. G., and RECHTER, J. G., "Study of ultrasonic wave absorption in the esters of acrylic acid at high frequencies."
- RECHTER, V. P., SHABROV, I. G., and RECHTER, M. O., "Theories of ultrasonic wave absorption in liquids at high temperatures and pressures."
- RECHTER, V. P., SHABROV, I. G., and OGOLINOV, M. A., "Study of the optics of liquid-proof bodies by means of ultrasonical methods."
- RECHTER, V. P., TAIROV, V. P., PRERODENKO, Yu. G., and RECHTER, A. A. - "Properties of ultrasonic waves in this system."
- RECHTER, A. A., Acoustics Institute, USSR Academy of Sciences, Moscow - "Description of ultrasonic amplitude and wave in relating media."
- RECHTER, A. A., V. P. Acoustics Institute, USSR Academy of Sciences, Moscow - "Mathematical properties of broad-sounding signals."
- RECHTER, A. A., and TAIROV, D. P., Acoustics Institute, USSR Academy of Sciences, Moscow - "A.
- RECHTER, L. D., Acoustics Institute, USSR Academy of Sciences, Moscow - "Studies of the physical processes in technical applications of aqueous media."
- RECHTER, L. D., Acoustics Institute of Revolutionary Party, USSR Academy of Sciences, Moscow - "Investigation of direct tone signal."
- RECHTER, V. P., and TAIROV, Yu. M., Laboratory for One-Way Wave, Institute for Labor Protection, Institute of the Soviet Union of Standards for Industrial Safety and the Soviet Union's experience with the general theory of sound radiation - "Distribution to the theory of sound radiation."
- RECHTER, V. P., Institute for Acoustics, USSR Academy of Sciences, Moscow - "Ultrasonic intensity measure-
ment by compensated calorimeter."
- RUMZINA, F. V., OGLETTI, A., and KONO, J., Chair of Physics, Higher School of Applied Mathematics, Moscow - "Investigating a new acoustic method of determining intermolecular forces in liquids and liquids at liquid air temperatures."
- SACOB, E. P., Institute for Theoretical Physics, University of Borodok - "The calculation of sound velocity measure-
ments for the physics of density oscillations."
- "Generation of sound by spark discharge in water"

Extracts from the Progress and Information Circular, Third Int'l. Congress on Acoustics, USSR, Institute of Acoustics, Moscow, 1959

PEREPALIN, K.Ye.; NEOS, A.I.

Effect of the conditions for deaerating viscose on the spinning process. Tekst.prom. 16 no.11:12-13 N '56. (MLRA 9,12)
(Rayon spinning)

PAREPILIN, S.H.; KHYZAEV, I.I.

Effect of various diets on the dynamics of glucose absorption by
the small intestine in radiation sickness. Vop.pit. 18 no.4:
34-41 Jl-Ag '59. (MIRA 12:10)

1. Iz Moskovskogo instituta gigiyeny imeni F.F.Brismana.

(DIETS, eff.

in small intestine glucose absorp. in exper.
radiation sickness (Rus))

(GLUCOSE, metab.

small intestine absorp. in exper. radiation
sickness, eff. of diets (Rus))

(INTESTINE, SMALL, physiol.

glucose absorp. in exper. radiation sickness,
eff. of diets (Rus))

(ROENTGEN RAYS, eff.

glucose absorp. by small intestine in exper.
radiation sickness, eff. of diets (Rus))

1. PEREPELINA, V.
2. USSR (600)
4. Metal Industries
7. Practical utilization of solid fuel in metal-working plants, Za ekon. mat.
No. 3, 1953.
9. Monthly List of Russian Accessions, Library of Congress, April, 1953. Uncl.

1. PEREPELINA, V.
2. USSR (600)
4. Fuel
7. Practical utilization of solid fuel in metal-working plants, Za ekon.mat. no. 3, 1953.

9. Monthly List of Russian Accessions, Library of Congress, APRIL 1953, Uncl.

SOV/112-58-1-164

Translation from: Referativnyy zhurnal, Elektrotehnika, 1958, Nr 1, p 19 (USSR)

AUTHOR: Perepelitsa, A. L., Okladnikov, V. P., and Apter, D. P.

TITLE: Tentative Spray-and-Layer Burning of Cheremkhovo Coal in Furnaces of Low-Capacity Steam Boilers (Optyt vnedreniya fakel'no-sloyevogo szhiganiya Cheremkhovskogo uglya v topkakh parovykh kotlov maloy moshchnosti)

PERIODICAL: Tr. Vost.-Sib. fil. AN SSSR, 1956, Nr 9, pp 110-128

ABSTRACT: Shukhov-Berlin boilers with a capacity of 3.2 and 2 t/h have been switched over to combined burning of Cheremkhovo coal: on the fire grate (coal fractions of 8 mm and coarser) and in the form of powdered coal obtained by milling the coal fractions under 8 mm at a steam-gas pneumatic mill. Steam consumption in pneumatic pulverizing is 0.45-0.3 kg/kg. It is stated that: (1) boiler steam capacity has been increased by 100%, and efficiency by 17-20%; (2) normal operation of a pneumatic installation could also be effected by saturated steam with an additional suction of high-temperature flue gases; (3) an inert medium (a mixture of steam and flue gases) used for pulverizing

Card 1/2

SOV/112-58-1-164

Tentative Spray-and-Layer Burning of Cheremkhovo Coal in Furnaces of Low-
renders the installation explosion-proof; (4) small weight, simplicity of con-
struction and operation of the spray-and-layer combustion installation permit
recommending this method for a number of fuels.

AVAILABLE: Library of Congress

S. M. Sh.

1. Boilers--Performance
2. Coal--Combustion

Card 2/2

PEREPELITSA, A.L.; GUSEV, N.Z.

Thermal treatment of the Gusinoye Ozero coal with a solid heat carrier in a mobile bed. Trudy BKNII no.5:43-50 '61.

(MIRA 18:2)

PEREPELITSA, A. L.; OKLADNIKOV, V.P.

Effectiveness of briquetting Cheremkhovo deposit coal fines.
Trudy Vost.-Sib.fil.AM SSSR no.21:155-160 '59.

(MIRA 13:9)

(Cheremkhovo Basin--Briquets(Fuel)--Costs)

PERMPHLITSA, A.L.; GUSEV, N.Z.

Determining time required to heat standardized samples formed
out of Cheremkhovo coal. Izv.Sib.otd.AN SSSR no.11:59-69 '58.
(MIRA 12:2)

1. Vostochno-Sibirskiy filial AN SSSR.
(Coal--Testing) (Coke industry)

PEREPELITSA, A.L.; MEDOTOV, A.S.

Obtaining molded metallurgical coke and a smokeless fuel for power production from the hard-caking coal of the Irkutsk Basin; new coking technology for the Irkutsk Basin coal. Izv. Sib. otd. AN SSSR no. 7: 40-52 '58. (MIRA 11:9)

1. Vostochno-Sibirskiy filial AN SSSR.
(Cheremkhovo Basin--Coke)

PEREPELITSA, Aleksandr Lavrovich; BRUK, A.S., prof., doktor
tekhn.nauk, otv. red.; KONDRAT'YEVA, V.I., red.izd-vn;
DOROKHINA, I.N., tekhn. red.

[Pyrogenic sizing of Irkutsk Basin coals] Pirogeneticheskoe
okuskanie uglei Irkutskogo basseina. Moskva, Izd-
vo AN SSSR, 1963. 218 p. (MIRA 16:10)
(Irkutsk Basin--Coal preparation)

PEREPELITSA, Aleksandr Lavrovich; GUSEV, Nikolay Zakharovich;
BRUK, A.S., prof., doktor tekhn. nauk, otv. red.;
BANKVITSER, A.L., red.; POLENOVA, T.P., tekhn. red.
MAKAGONOVA, I.A., tekhn. red.

[Use of solid heat carriers in a flow sheet for the
continuous coking of Irkutsk Basin coals] Primenenie
tverdogo teplochositelia v skheme nepreryvnogo kokso-
vaniia uglei Irkutskogo basseina. Moskva, Izd-vo Akad.
nauk SSSR, 1963. 143 p. (MIRA 16:4)
(Irkutsk Basin—Coal) (Coke ovens)

PEREPELITSA, E.P.

Graphic plotting and analytical calculation of the profile
of form cutting-off tools. Stan. 1 instr. 35 no.10-30-31
(MIRA 17-17).
0 '64.

PRIPELITSA, G.

Workers of the Skorokhodsk Grain Receiving Station assure continually to receive and fully to store the new corn crop. Mak.-
elev.prom. 26 no.8:8-9 Ag '60. (MIRA 13#8)

1. Direktor Skorokhodovskogo khlebopriyemnogo punkta
Poltavskoy oblasti.
(Poltava Province--Grain elevators)
(Corn(Maize)--Storage)

Perepelitsa, G.

Good preparation of the technical apparatus assured uninterrupted handling of incoming loads of grain. Muk.-elev.prom. 20 no.9:28 S '54. (MLRA 7:12)

1. Skorokhodovskiy zagotovitel'nyy punkt Poltavskoy oblasti.
(Grain handling)

PEREPETSA, G.

Grain weighing during drying on the ZSP-2 "Kubbase" mobile
grain dryer. Muk.-elev. prom. 20 no.4:25 Ap '54. (MLRA 7:7)

1. Skorokhodovskiy punkt Zagotzerno, Kamenets-Podol'skoy oblasti.
(Grain--Drying) (Weighing machines)

~~PEREPELITSA, G.Y.~~ (Marganets, Dnepropetrovskoy obl., ul. Engel'sa, d.3a)

Formation of salivary calculi. Nov.khir.arkh. no.1:77 Ja-J '57.
(MIRA 10:6)

1. Khirurgicheskoye otdeleniye (sav. - I.Ye.Ostrovskiy)
Marganetskoy gorodskoy bol'nitay.
(SALIVARY GLANDS--DISEASES)

PEREPELITSA, I.F., kand.med.nauk

Closure of arterial lumen in endarteritis obliterans. Sbor.
nauch.trud.Vin.der.med.inst. 18 no.1:34-41 '58.

(MIRA 16:2)

1. Kafedra fakul'tetskoy khirurgii (zav. kafedroy doktor med.
nauk prof. I.M. Grabchenko) Winnitskogo gosudarstvennogo
meditsinskogo instituta.

(ARTERIES—DISEASES)

Perepelitsa, I.F.
PEREPELITSA, I.F.

Treatment of endarteritis obliterans. Nov.khir.erkh. no.6:38-42
N-D '57. (MIRA 11:3)

1. Kafedra obshchey khirurgii pediatricheskogo i sanitarno-gigienicheskogo fakul'tetov (zav. - prof. I.Ya.Deyneka) Odesskogo meditsinskogo instituta. Adres avtora: Odessa, Meditsinskiy per. d.2, Meditsinskiy institut.
(ARTERIES--DISEASES)

PEREPELITSA, I. F.

PEREPELITSA, I. F. -- "Clinical-Morphological Characteristics of Endarteritis Obliterans." M: Health Ukrainian SSR. Dnepropetrovsk State Medical Inst. Vinnytsia, 1955. (Dissertation for the Degree of Candidate in Medical Sciences)

SQ: Knizhnaya Letopis', no. 1, 1956

PEREPELITSA, I. I.; KUZNETSOV, N. V.

Highly-efficient method of preparing dies for plastic molding.
Ratsionalizatsiya 13 no. 10:20 '63.

~~PRIKHODLITSA, I.I.; KUZNETSOV, N.V.~~

Efficient method for making dies for casting plastic parts.
Mashinostroitel' no.6:35 Je '63. (MIRA 16:7)

(Plastics—Molding)

PEREPELITSA, P.D. [Perepelytsia, P.D.]

Medicinal service for the population through the local pharmacies.
Farmatsev. zhur. 17 no.3:76-78 '62. (NIKA 17:10)

1. Apteka No.12, Staro-Beshevo, Donetskoy oblasti.

PEREPELITSA, P.I. (Kazan)

Chemistry laboratory of the secondary school. Khin. v shkole
11 no.1:35-40 Ja-F '56. (MIRA 9:2)
(Chemical laboratories)

PEREPELITSA, V.A.

Calculation of the optimal magnification curves of the VEGIK seismographs with a partial identification in the interval of 0.05-0.5 sec. Geol. i geofiz. no.9:105-109 '64. (MIRA 18:7)

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